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COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
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CONFIRMATION NO. 1454

Bib Data Sheet

SERIAL NUMBER 09/662,068	FILING DATE 09/14/2000 RULE	CLASS 711	GROUP ART UNIT 2186 2187	ATTORNEY DOCKET NO. 0939A-036911US
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APPLICANTS

Gerry R. Talbot, Concord, MA;
 Austen J. Hyper, Newton, MA;

FILE COPY

** CONTINUING DATA *Yes No*

THIS APPLICATION IS A CON OF 08/808,849 02/28/1997 PAT 6,272,600
 WHICH CLAIMS BENEFIT OF 60/031,063 11/15/1996

** FOREIGN APPLICATIONS *No*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 10/26/2000

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no		
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after		
Verified and Acknowledged	<i>[Signature]</i> <i>[Initials]</i>		
Examiner's Signature	Allowance		
	Initials		
STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
MA	11	15	5

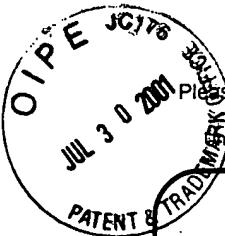
ADDRESS

Dan H Lang
 Townsend and Townsend and Crew LLP
 8th Floor
 Two Embarcadero Center
 San Francisco, CA 94111-3834

TITLE

Memory request reordering in a data processing system

FILING FEE RECEIVED 1000	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
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Please type a plus sign (+) inside this box →

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/662,068
Filing Date	September 14, 2000
First Named Inventor	Talbot, Gerry R.
Group Art Unit	2185
Examiner Name	Unassigned

RECEIVED

Total Number of Pages in This Submission

7

Attorney Docket Number

00939A036911

Technology Center 2100

ENCLOSURES (check all that apply)

Fee Transmittal Form

Fee Attached

Amendment / Response

After Final

Affidavits/declaration(s)

Extension of Time Request

Express Abandonment Request

Information Disclosure Statement

Certified Copy of Priority Document(s)

Response to Missing Parts/ Incomplete Application

Response to Missing Parts under 37 CFR 1.52 or 1.53

Assignment Papers
(for an Application)

Drawing(s)

Licensing-related Papers

Petition Routing Slip (PTO/SB/69) and Accompanying Petition

Petition to Convert to a Provisional Application

Power of Attorney, Revocation Change of Correspondence Address

Terminal Disclaimer

Request for Refund

CD, Number of CD(s)

After Allowance Communication to Group

Appeal Communication to Board of Appeals and Interferences

Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

Proprietary Information

Status Letter

Other Enclosure(s)
(please identify below):

Request for Corrected Filing Receipt, copy of marked-up Filing Receipt, Return Postcard

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name

Townsend and Townsend and Crew LLP

J. Matthew Zigmant

Reg No. 44,005

Signature

Date

July 26, 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

July 26, 2001

Typed or printed name

DJ Bogorodsky

Signature

Date

July 26, 2001

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PA 3159671 v1

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 25

Complete if Known	
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Technology Center 2100

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																															
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 20-1430</p> <p>Deposit Account Name Townsend and Townsend and Crew LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify) Request for Corrected Filing Receipt</td><td>25</td><td></td></tr> <tr> <td colspan="4">The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.</td> <td colspan="2">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$25)</td> </tr> </tbody> </table>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,240	241	620	Petition to revive – unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) Request for Corrected Filing Receipt				25		The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.				*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$25)	
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<p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>				<p>FEE CALCULATION</p> <table border="1"> <thead> <tr> <th colspan="4">1. BASIC FILING FEE</th> </tr> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table> <p>SUBTOTAL (1) (\$)</p> <table border="1"> <thead> <tr> <th colspan="4">2. EXTRA CLAIM FEES</th> </tr> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td></td><td>-20**</td><td>X</td><td>=</td></tr> <tr> <td>Independent Claims</td> <td></td> <td>X</td> <td>=</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>X</td> <td>=</td> </tr> </tbody> </table> <p>SUBTOTAL (2) (\$)</p>				1. BASIC FILING FEE				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee		106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		2. EXTRA CLAIM FEES				Total Claims	Extra Claims	Fee from below	Fee Paid		-20**	X	=	Independent Claims		X	=	Multiple Dependent		X	=																																																																																																																																
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**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																																			

SUBMITTED BY						Complete (if applicable)	
Name (Print/Type)	J. Matthew Zigmant	Registration No. (Attorney/Agent)	44,005	Telephone	650-326-2400		
Signature					Date		

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on 7-26-01

By: J. Matthew Zigmant

PATENT
Attorney Docket No.: 00939A-036911US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Talbot et al.

Application No.: 09/662,068

Filed: September 14, 2000

For: MEMORY REQUEST REORDERING IN
A DATA PROCESSING SYSTEM

Examiner: Unassigned

Art Unit: 2185

REQUEST FOR CORRECTED FILING RECEIPT

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

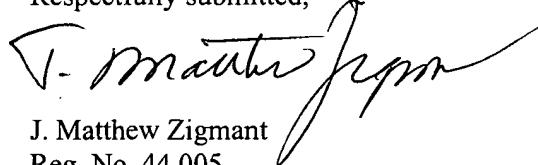
Sir:

Attached is a marked-up copy of the official Filing Receipt received from the Patent and Trademark Office in the above-noted application for which issuance of a corrected filing receipt is respectfully requested.

The Domestic Priority data as claimed by applicant is as follows: This application is a continuation of U.S. Application No. 08/808,849 filed February 28, 1997, which claims the benefit of U.S. Provisional Application No. 60/031,063 filed November 15, 1996. A Preliminary Amendment has been submitted under separate cover to amend the specification with this information.

The correction is due to applicant's error and the fee therefor, pursuant to 37 CFR §1.19(h), of \$25.00 is to be charged to Deposit Account No. 20-1430. Please charge any additional fees or credit overpayment to the Deposit Account No. 20-1430.

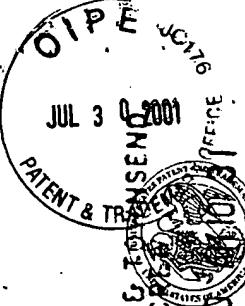
Respectfully submitted,



J. Matthew Zigmant
Reg. No. 44,005

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (650) 752-2456 Fax: (415) 576-0300
JMZ/djb

JMZ



00939A - 036911US

UNITED STATES PATENT AND TRADEMARK OFFICE

R C Cawell / Kanzaki

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/662,668	09/14/2000	2185	1000	0939A-036911US	11	15	5

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JULY 3 2001
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AUG 14 2001
Technology Center 2100

CONFIRMATION NO. 1454
UPDATED FILING RECEIPT



OC000000005953535

Date Mailed: 04/10/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Gerry R. Talbot, Concord, MA;
Austen J. Hyper, Newton, MA;

Domestic Priority data as claimed by applicant

-THIS APPLN CLAIMS BENEFIT OF 60/031,063 11/15/1996-

THIS APPLN IS A CONTINUATION OF 08/808,849 02/28/97, WHICH CLAIMS BENEFIT OF
Foreign Applications

60/031,063 11/15/96

If Required, Foreign Filing License Granted 10/26/2000

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

Title

Memory request reordering in a data processing system

Preliminary Class

711

Data entry by : KUANG, SHARON

Team : OIPE

Date: 04/10/2001





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On 26 July 01

TOWNSEND and TOWNSEND and CREW LLP

By: DJ Bogorodsky
DJ Bogorodsky

PATENT
Attorney Docket No.: 00939A-036911US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Talbot et al.

Application No.: 09/662,068

Filed: September 14, 2000

For: MEMORY REQUEST REORDERING
IN A DATA PROCESSING SYSTEM

Examiner: Unassigned

Art Unit: 2185

COMMUNICATION

Assistant Commission for Patents
Office of Initial Patent Examination
Customer Service Center
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Sir:

After reviewing our deposit account activities for this application, we believe an additional \$576.00 should be charged against our account. Accordingly, the commissioner has been authorized to charge this fee to our account no. 20-1430. A history of charges to our account for this case follows, and a print out of the account activity is attached.

Account summary for this application: We believe our account should have been charged the following amounts to date.

Filing Fee	\$ 710.00
Surcharge	\$ 130.00
Excess claims	\$ 576.00
<u>Excess Ind. claims</u>	<u>\$ 160.00</u>
Total	\$1,576.00

As the attached account transaction records show, we have only been charged \$1,000.00 to date.

If a telephone conference would expedite the resolution of this matter, please telephone the undersigned at 650-752-2456.

Respectfully submitted,



J. Matthew Zigmant
Reg. No. 44,005

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (650) 752-2456 Fax: (650) 326-2422
JMZ/djb

PA 3158294 v1



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